

XP-002254575

AN - 1996-275898 [43]

AP - RU19920012335 19921216

CPY - IVAN-I

DC - A97 E16 E36 H01 Q49

DR - 0123-U 1208-U 1697-U

FS - CPI;GMPI

IC - C09K7/08 ; E21B43/25

IN - IVANOV V A

MC - A12-W10B E10-A13B2 E10-A19B E31-H05 E32-A04 H01-D09

M3 - [01] A100 A200 A940 C107 C108 C520 C730 C801 C802 C803 C804 C807 M411

M782 M903 M904 Q020 Q412 Q413 Q608; 9628-C3001-M

- [02] C009 C100 C101 C500 C730 C801 C804 C805 C806 C807 M411 M782 M903
M904 Q020 Q412 Q413 Q608; 9628-C3002-M

- [03] K0 K6 K640 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223
M224 M225 M226 M231 M232 M233 M273 M281 M282 M320 M416 M620 M782 M903
M904 Q020 Q412 Q413 Q608; 9628-C3003-M

- [04] C101 C107 C520 C730 C800 C801 C802 C804 C806 C807 M411 M782 M903
M904 M910 Q020 Q412 Q413 Q608; R01208-M; 1208-U

- [05] A111 A940 C107 C108 C520 C730 C801 C802 C803 C804 C807 M411 M782
M903 M904 M910 Q020 Q412 Q413 Q608; R01697-M; 1697-U

- [06] K0 L4 L432 M280 M320 M416 M620 M782 M903 M904 M910 Q020 Q412 Q413
Q608; R00123-M; 0123-U

PA - (IVAN-I) IVANOV V A

PN - RU2047642 C1 19951110 DW199628 C09K7/08 009pp

PR - RU19920012335 19921216

XA - C1996-087494

XIC - C09K-007/08 ; E21B-043/25

XP - N1996-232126

AB - RU2047642 The compsn. comprises urea, alkali or alkaline earth metal nitrite, reaction initiator, surfactant, water, and additionally contains foam stabiliser (flotation reagent) and hydrazine or its deriv.. The reaction initiator is in form of clay-acid. The compsn. comprises (wt.%): 1.0-13.0 urea; 0-37.4 hydrazine or deriv.; 4.6-58.7 alkali or alkaline earth metal nitrate; 0-24.6 clay-acid; 0.1-1.5 foam stabiliser; 0.1-1.5 surfactant; and balance water.

- USE - Used in the oil and gas extn. industry, as a foam-forming compsn. for use in causing flow of oil and gas from stratum during start-up of the well.

- ADVANTAGE - The compsn. intensifies the start-up process and increases efficiency owing to simultaneous foam-clay-acidic and thermal treatment of the stratum head zone, and also partial cleaning of the well head from mechanical admixtures, sand, corrosion prods. and asphaltene-resin-paraffin deposits and their removal onto the surface owing to flotation properties of foam.

- (Dwg.0/0)

CN - 9628-C3001-M 9628-C3002-M 9628-C3003-M R01208-M R01697-M R00123-M

DRL - 1208-U 1697-U 0123-U

IW - GAS GENERATE FOAM FORMING COMPOSITION COMPRISE UREA ALKALI ALKALINE EARTH METAL NITRATE REACT INITIATE SURFACTANT WATER FOAM STABILISED HYDRAZINE DERIVATIVE

IKW - GAS GENERATE FOAM FORMING COMPOSITION COMPRISE UREA ALKALI ALKALINE

**EARTH METAL NITRATE REACT INITIATE SURFACTANT WATER FOAM STABILISED
HYDRAZINE DERIVATIVE**

INW - IVANOV V A

NC - 001

OPD - 1992-12-16

ORD - 1995-11-10

PAW - (IVAN-I) IVANOV V A

**TI - Gas-generating and foam-forming compsn. - comprises urea, alkali or
alkaline earth metal nitrate, reaction initiator, surfactant, water,
foam stabiliser and hydrazine or deriv.**

**A01 - [001] 018 ; R01835 G3678 G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50
D60 D76 D92 F24 F34 F38 F35 H0293 P0599 G3623 ;
- [002] 018 ; R00444 G0453 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D83
F70 F93 ; H0000 ; P0088 ;
- [003] 018 ; ND01 ; B9999 B3521-R B3510 B3372 ; Q9999 Q8128 Q8093 ;
Q9999 Q9110 ;**